RECEIVED
CENTRAL FAX CENTER
MAY 26 2009

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1-20. (Canceled)

21. (New) A combination of an analyzing instrument and a temperature detecting analyzing apparatus;

the analyzing instrument comprising a substrate, a cover laminated over the substrate, a sample channel formed between the substrate and the cover for allowing flow of a sample liquid, a heating layer formed over the cover for heating the sample liquid in the sample channel to a target temperature, the sample channel including a measurement zone, the heating layer having a through-hole corresponding to the measurement zone; and

the analyzing apparatus comprising a magnetic generating coil for electromagnetically generating heat in the heating layer.

22. (New) A combination according to claim 21, wherein the heating layer is formed as a metal film.

23. (New) A combination according to claim 22, wherein the metal film is formed of aluminum, nickel or copper to have a thickness of 1-200 μm.

24. (New) A combination according to claim 21, wherein the analyzing apparatus further comprises a light source for directing light onto the measurement zone via the though-hole of the heating layer, and a light detector for detecting light reflected from the measurement zone.

25. (New) A combination according to claim 21, wherein the analyzing apparatus further comprises a mount for supporting the analyzing instrument, a temperature

detector provided in the mount for detecting a temperature of the sample liquid or an environmental temperature, a voltage applier for supplying electric energy to the magnetic generating coil, a control calculator for calculating an amount of electric energy needed for heating the sample liquid to the target temperature based on a detection result of the temperature detector, and a controller for causing the voltage applier to supply the calculated amount of electric energy to the magnetic generating coil.

26. (New) An analyzing instrument comprising:

a substrate,

a cover laminated over the substrate,

a sample channel formed between the substrate and the cover for allowing flow of a sample liquid,

a heating layer formed over the cover for heating the sample liquid in the sample channel to a target temperature,

the sample channel including a measurement zone,

the heating layer having a through-hole corresponding to the measurement zone.

27. (New) An analyzing instrument according to claim 26, wherein the heating layer is formed as a metal film.

28. (New) An analyzing instrument according to claim 27, wherein the metal film is formed of aluminum, nickel or copper to have a thickness of 1-200 μm.